



macadam ellipse ucs

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Constructing a uniform color space for visually lossless colorrepresentation and image coding

 S Takamura, N Kobayashi - Image Processing, 2001. Proceedings. 2001 International ..., 2001 - [ieeexplore.ieee.org](#)

 ... of the analytical transform approach to creating a **UCS**. ... It first fits an **ellipse** for each JND group sharing the same end (like **MacAdam's ellipses** ...

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Polychromatic Optical Feedback Control, Stability, and Dimming - group of 3

»

 S Robinson, I Ashdown - Proc. of SPIE Vol - [lightpipe.com](#)

 ... diagram For each color (ie, chromaticity), there is a "**MacAdam ellipse**" that defines ... diagram, called the CIE 1976 Uniform Color Space (**UCS**), was developed ...

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Chromaticity and Color Temperature for Architectural Lighting - group of 6 »

 I Ashdown - Proceedings of Solid State Lighting II - [tirsys.com](#)

 ... in terms of Euclidean distance in the CIE 1960 **UCS** diagram. More usefully however, they could be expressed in terms of the one-step **MacAdam ellipse** centered on ...

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Color image segmentation using multi-scale clustering

 N Kehtarnavaz, J Monaco, J Nimtschek, A Weeks - Image Analysis and Interpretation, 1998 IEEE Southwest ..., 1998 - [ieeexplore.ieee.org](#)

 ... that **ellipse**. ... in which the size, orientation, and eccentricity of **MacAdam ellipses** become the ... The so called uniform chromaticity scale (**UCS**) model is the best ...

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Lightness and chroma of computer simulated surfaces lit by lamps of different spectra - group of 4 »

 H Xu - Lighting Research & Technology, 2002 - [lrt.sagepub.com](#)

 ... area and the chromaticity of the lamp on the CIE 1976 **UCS** diagram ... of uorescent lamps

 whose chromaticity coordinates all lie within the same **MacAdam ellipse** on a ...

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IMAGE RETRIEVAL USING MULTI-SCALE COLOR CLUSTERING

 SH Kim, W Woo, YS Ho - [ieeexplore.ieee.org](#)

 ... lying on the perimeter of a **MacAdam ellipse** is just ... JND), as compared to the center of that **ellipse**. ... The so-called uniform chromaticity scale (**UCS**) model is ...

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From color-matching error to large color differences - group of 3 »

 RG Kuehni - Color Research & Application, 2001 - [doi.wiley.com](#)

 ... L of **MacAdam ellipses** (minus **ellipse 1**). The ... BMA 0.00789 L 0.00422 0.94 B 0.02036 L 0.0133 0.74 **UCS** 0.11593 L 2.572 0.2072 L 0.4711 0.98 0.999 FIG. ...

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